



Model OT-PLC602-1G

Ethernet Extender

Product Datasheet



CE FC RoHS  

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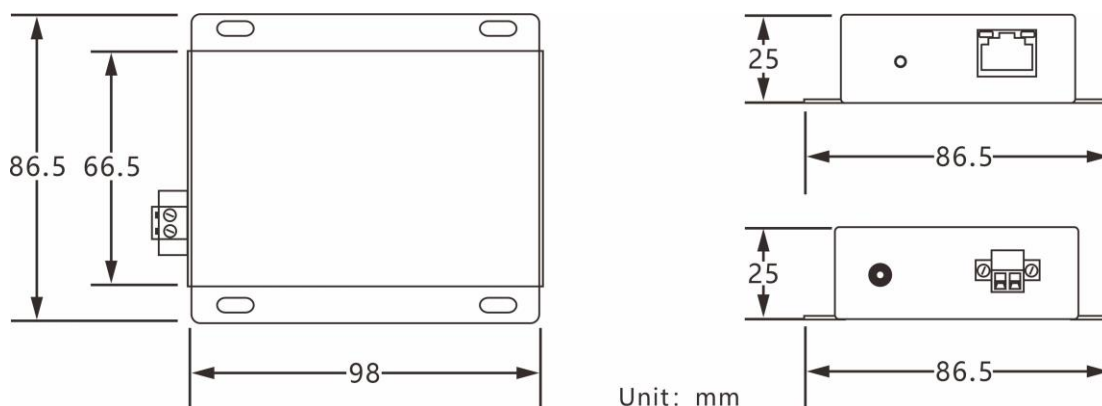
OT-PLC602-1G is a Gigabit Ethernet Extender. It can transmit Ethernet signal over any 2-wire cable such as coaxial cable, Cat5 cable, telephone cable, power line and so on. The max distance can reach 1,000 meters.

This device contains the Receiver unit and Transmitter unit, which supports point-to-point and point-to-multipoint network transmission. It can greatly simplify the engineering wiring, be suitable for expanding network system and transmit Ethernet signal for a long distance.

Features

- ◆ IP over one pair 2-wire cable up to 1,000m
- ◆ Full duplex 100/1000Mbps
- ◆ Support the same-cable power supply technology (0~220V)
- ◆ Plug and play, transparent transmission
- ◆ Dynamic communication channel adjustment with high-performance error correction coding technology

Dimension



Note: Dimension error value ± 1 mm

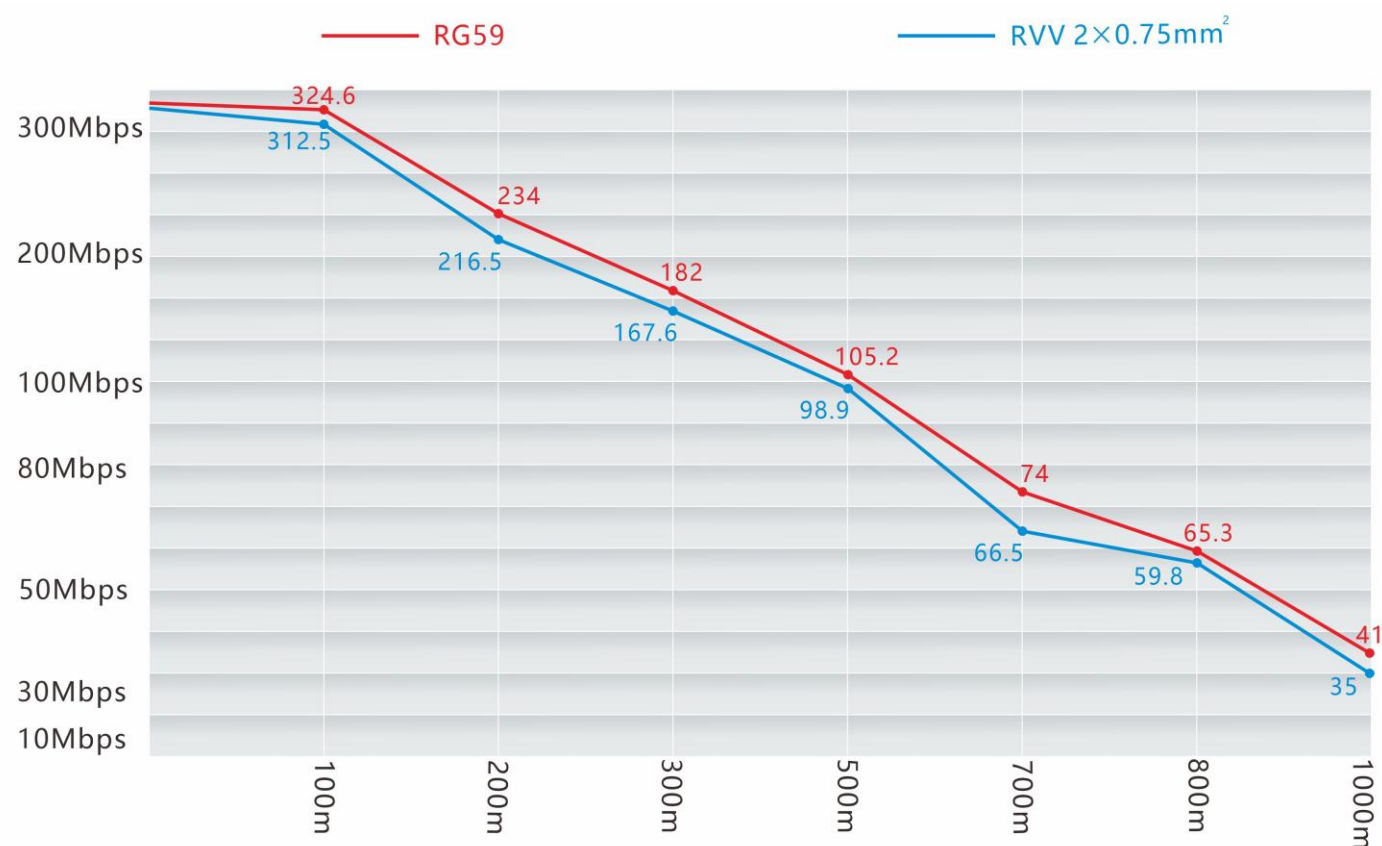
Interface Description



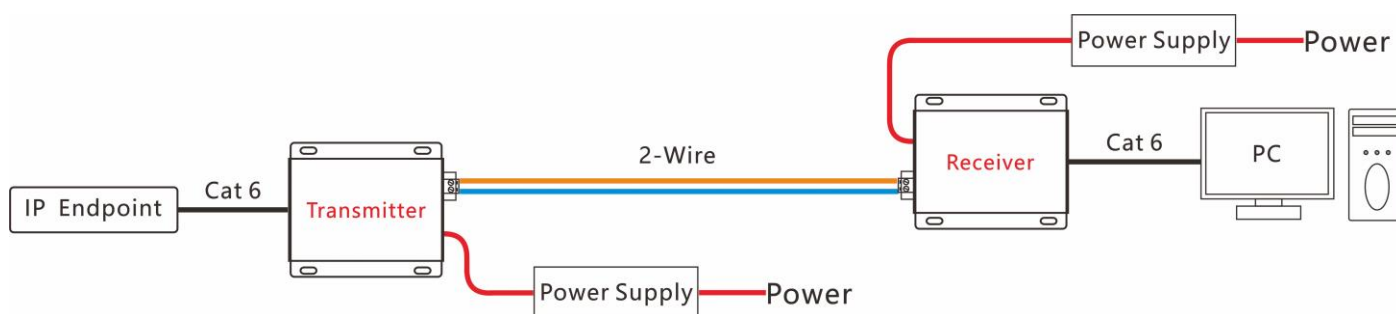
Technical Parameter

| Category | | Description |
|--------------------------------|-------------------------|--------------------------|
| Power | Available Voltage Range | 12~24VDC |
| | Power Consumption | ≤3W / PC |
| Transmission / Rate | Standard Compliance | IEEE1901, IEEE802.3 |
| | Up Down Agreement | CSMA/CA |
| | Bandwidth | Full duplex 100/1000Mbps |
| | Encryption Method | 128-bit AES |
| Physical Characteristic | Dimensions (L × W × H) | 98×86.5×25mm |
| | Material | Aluminum Alloy |
| | Net Weight | 160g/PC |
| Operating Environment | Working Temperature | -20°C~60°C |
| | Working Humidity | <95%(Non-condensation) |

Bandwidth & Distance Chart



Connection Diagram



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